

WERKWEINT PUBLICATIONS LTD.

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WELA AG *DE 3441-148-A
10,11,84-DE-441148 (15.05.86) A61K-07/13 C07C-91/44 D06P-03/08
Oxidn. hair dye compsn. for dyeing hair in red shades - contg. 4-
amino-2-hydroxy-alkyl-phenol or salt derivs. as developers
C86-056403

D10-B6) E10-B3A, 26-A3, 26-C)

(A) An oxidative hair-dyeing compsn., based on a developer-coupler combination, contains, as developer, a 4-amino-2-hydroxyalkyl-phenol of formula (I) or a salt thereof

OH

(I)

R

R = 1-4C mono-hydroxylalkyl

(B) 4-Amino-2-(2'-hydroxyethyl)-phenol (Ia) is new.

PREFERRED DEVELOPERS

(I) is pref. (Ia) or 4-amino-2-hydroxymethyl-phenol (Ib)

USE The compsn. dyes hair a wide range of red shades with tints ranging from blond to violet, blue and black.

ADVANTAGE

(I) have better physiological properties than p-aminophenol used hitherto in the red range.

PREFERRED COMPOSITIONS

The compsn. contains 0.01-3 wt. % (I).

The total amt. of developer-coupler combination is 0.1-5

(esp. 0.5-4) wt. %.

The compsns. contain the usual couplers (e.g. 1-naphthol, resorcinol or 4-hydroxyindole) and can also contain 0.1-4 wt. % of further dye components (e.g. direct-drawing dyes, aromatic nitro dyes, azo dyes and dispersion dyes) and antioxidants (e.g. ascorbic acid or Na₂SO₃).

PREPARATION

(Ia) was prepd. in 4 steps, comprising

(I) the diacylation of 2-aminophenyl ethyl alcohol,

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